

## Product datasheet for MR218090

### Myadm (NM\_016969) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Myadm (NM_016969) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Myadm
Synonyms:	D7Wsu62e
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR218090 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCCGGTAAACAGTAACTCGTACAACCATCAGACTACAACGTCATCCTCCACCACTGTGGGGTCCGCTC  
GGGCGCTGACCCAGCCGCTGGGCCTCCTCCGCCTCCTGCAGCTAATATCCACCTGTGTGGCTTTCTCGT  
GGTGGCCAGTGTGGGTGCCTGGACAGGGCCCATGGGTAAGTGGCCATGTTACCTGGTGTCTGCTTT  
GCTGTTACCTCATCATCCTGATTGTGGAGTTAGGTGGACTCCAGGCCCACTTCCCCTGTCATGGCGAA  
ACTTCCCACATCACCTTTGCCTGCTACGCGGCCCTTTCTGCCTGTCGTCTCCATCATCTATCCCACCAC  
CTATGTGCAGTTCCTAGCTCATGGACGTACCCGGGACCATGCCATCGCTGCCACCACTTTCTCCTGCCT  
GCCTGTTTGGCGTATGCCACTGAAGTGGCTGGACCCGTGCAAGGCCCGGTGAGATCACTGGCTATATGG  
CTACCGTGCCAGGGCTGCTCAAAGTTTTTGGAGCCTTCGTAGCCTGTATCATCTTTGCCTTCATCAGTGA  
GCCGCTCCTGTATAATCAGAAGCCAGCCCTGGAGTGGTGTGTGGCAGTCTATGCCATCGCTTCATACTA  
GCAGGGGTGACCATCCTGCTCAACCTGGGGATTGTACCAACGTGTTGCCATCCCTTTCCCACCTTCC  
TCTCAGGCTTGGCCTTACTCTGTTCTCTTTACGCCACTGCCATCGTCTCTGGCCCCCTACCAATT  
TGATCAGAGATATCAGGGCAACCCCGCGTTCAATGGATCCAAGCTGCACTCGTAGTATTAGTTATATA  
CAACCCAAACACGGTGTGTTTCTGGACCGACTGGCGGTGTCCATCCTGACAGGTATCAACCTGCTGG  
CATATGTGCTGATCTGGTGTACTCCACTCGTCTGGTGTTCGTCAAGGTC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

**Protein Sequence:** >MR218090 protein sequence  
 Red=Cloning site Green=Tags(s)

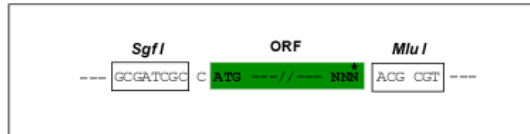
MPVTVTRTTITTTTSSSTTVGSARALTQPLGLLRLLQLISTCVAFSLVASVGAWTGPMGNWAMFTWCFCF  
 AVTLIILIVELGGLQAHFPLSWRNFPITFACYAALFCLSSIIYPTTYVQFLAHGRTRDHAI AATTFSCV  
 ACLAYATEVAWTRARPGEITGYMATVPGLLKVFETVFACIIFAFISEPLLYNQKPALEWCVAVYAI  
 AGVTILLNLGDCTNVLPPIPFPTFLSGLALLSVLFYATAIVLWPLYQFDQRYQGQPRRSM  
 DPSCTRSISYI QPNTVCFWDRRLAVSILTGINLLAYVSDLVYSTRLVFVKV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_016969

**ORF Size:** 963 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

**Reconstitution Method:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

**RefSeq:** [NM\\_016969.2](#), [NP\\_058665.2](#)

**RefSeq Size:** 2805 bp

**RefSeq ORF:** 963 bp

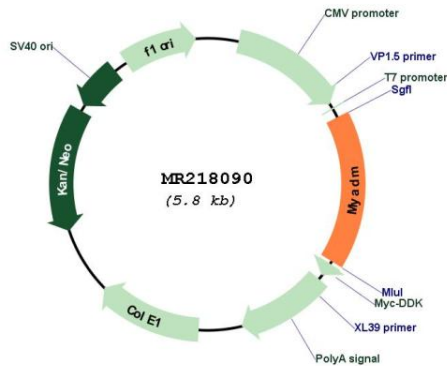
**Locus ID:** 50918

**UniProt ID:** [O35682](#)

**Cytogenetics:** 7 1.92 cM

**MW:** 35.3 kDa

**Product images:**



Circular map for MR218090